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\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Admitted only in Texas  
\*Practice Limited to  
Federal Agencies

February 12, 2003

**WRITER'S DIRECT NUMBER:**  
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Commissioner for Patents  
Washington, D.C. 20231

Art Unit 1645

Re: U.S. Utility Patent Application  
Appl. No. 09/601,171; § 371 Date: July 28, 2000  
For: **Vaccine Formulations**  
Inventors: **BUSCHLE et al.**  
Our Ref: 0652.2100000/JUK/DJN

**RECEIVED**

FEB 19 2003

TECH CENTER 1600/2900

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111 (Exhibits A and B attached);
2. Fee Transmittal Form (PTO/SB/17);
3. United States Patent & Trademark Office Credit Card Payment Form;
4. A computer readable disk copy of the sequence listing; and
5. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

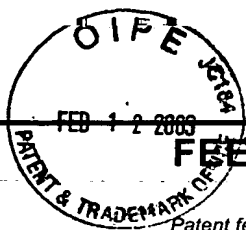
*Judith U. Kim*

Judith U. Kim  
Attorney for Applicants  
Registration No. 40,679

JUK/DJN:drb  
Enclosures

SKGF\_DCI:101080.3

**The PTO did not receive the following  
listed item(s) The Sequence Listing  
but we got the disk**



<div style="text-align: center;"><b>FREE TRANSMITTAL</b> for FY 2003 <small>Patent fees are subject to annual revision.</small></div> <div><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</div> <div><b>TOTAL AMOUNT OF PAYMENT (\$)</b> 54.00</div>		<b>Complete if Known</b>	
		<b>Application Number</b>	09/601,171
		<b>\$ 371 Date</b>	July 28, 2000
		<b>First Named Inventor</b>	BUSCHLE et al.
		<b>Examiner Name</b>	Navarro, A.M.
		<b>Group Art Unit</b>	1645
		<b>Attorney Docket No.</b>	0652.2100000/JUK/DJN

**METHOD OF PAYMENT (check all that apply)**  
☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None  
  
☐ Deposit Account  
Deposit Account Number 19-0036  
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
  
**The Commissioner is authorized to: (check all that apply)**  
☒ Charge fee(s) indicated below ☒ Credit any over payments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  
  
\*\* Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

**FEE CALCULATION**  
**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	750	Utility filing fee	
		1002	330	Design filing fee	
		1003	520	Plant filing fee	
		1004	750	Reissue filing fee	
		1105	160	Provisional filing fee	
<b>SUBTOTAL (1)</b>					(\$0.00)

  
**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra	Fee from below	Fee Paid
Total Claims 23 - 20** = 3	X 18.00	= 54.00
Indep. Claims 1 - 3** = 0	X	=
Multiple Dependent		=

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	84	Independent claims in excess of 3
		1203	280	Multiple dependent claim, if not paid
		1204	84	**Reissue independent claims over original patent
		1205	18	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				(\$54.00)

  
\*\*or number previously paid, if greater; For Reissue, see above

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051 65 Surcharge - late filing fee or oath	
		1502	50	2052 25 Surcharge-late provisional filing fee or cover sheet	
		1053	130	1053 130 Non-English specification	
		1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
		1251	110	2251 55 Extension for reply within first month	
		1252	410	2252 205 Extension for reply within second month	
		1253	930	2253 465 Extension for reply within third month	
		1254	1,450	2254 725 Extension for reply within fourth month	
		1255	1,970	2255 985 Extension for reply within fifth month	
		1401	320	2401 160 Notice of Appeal	
		1402	320	2402 160 Filing a brief in support of an appeal	
		1403	280	2403 140 Request for oral hearing	
		1451	1,510	1451 1,510 Petition to institute a public use proceeding	
		1452	110	2452 55 Petition to revive - unavoidable	
		1453	1,300	2453 650 Petition to revive - unintentional	
		1501	1,300	2501 650 Utility issue fee (or reissue)	
		1502	470	2502 235 Design issue fee	
		1503	630	2503 315 Plant issue fee	
		1460	130	1460 130 Petitions to the Commissioner	
		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
		1806	180	1806 180 Submission of Information Disclosure Stmt	
		8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
		1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
		1801	750	2801 375 Request for Continued Examination (RCE)	
		1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify) _____					
<b>SUBTOTAL (3)</b>					(\$0.00)

**SUBMITTED BY**

<b>Name (Print/Type)</b>	Judith U. Kim	<b>Registration No. (Attorney/Agent)</b>	40,679	<b>Telephone</b>	202-371-2600
<b>Signature</b>	<i>Judith U. Kim</i>			<b>Date</b>	February 12, 2003

Complete (if applicable)